|     | Index of Claims   |               |          |          |          |          |          |          |          |          |                 |   |  |          | Application/Control No. |           |                       |                     |                     |             |             |         |     | Applicant(s)/Patent under Reexamination |            |              |           |           |          |              |              |           |          |           |   |   |
|-----|---|---------------|----------|----------|----------|----------|----------|----------|----------|----------|-----------------|---|--|----------|-------------------------|-----------|-----------------------|---------------------|---------------------|-------------|-------------|---------|-----|---|------------|--------------|-----------|-----------|----------|--------------|--------------|-----------|----------|-----------|---|---|
|     | A ARCHIT MATERIAL COMPANIES FOR FOR THE LEGIS COMPANIES FOR |               |          |          |          |          |          |          |          |          |                 |   |  |          | 10/743,870              |           |                       |                     |                     |             |             |         |     |   |            | YASUI ET AL. |           |           |          |              |              |           |          |           |   |   |
| •   |   |               |          |          |          |          |          |          |          |          |                 |   |  |          |                         | ł         | Examiner              |                     |                     |             |             |         |     |   |            |              |           | Art Unit  |          |              |              |           |          |           |   |   |
|     | LITOMA FATA DANI LIMIN MADA DIDA MALI MADI MADI MADI        |               |          |          |          |          |          |          |          |          |                 |   |  |          | BINH Q. TRAN            |           |                       |                     |                     |             |             |         |     |   | 3748       |              |           |           |          |              |              |           |          | ŀ         |   |   |
|     |   |               |          |          |          |          |          |          |          |          |                 |   |  |          |                         |           | <u>. <del>"</del></u> |                     |                     |             | _           |         |     | انت                                     |            |              |           |           |          |              |              |           | ᅥ        |           |   |   |
|     | √ Rejected  |               |          |          |          |          |          |          |          |          | (Through numer: |   |  |          |                         |           |                       |                     |                     | N           | Non-Elected |         |     |   |            | A            | Appeal    |           |          |              |              |           |          |           |   |   |
|     | <del>                                      </del>           |               |          |          |          |          |          |          |          |          |                 |   |  |          |                         |           |                       | 4                   | ľ                   | +           |             | _       | -   |   | Ĥ          |              |           |           |          | <b>-</b> ∤ · |              |           |          |           |   |   |
|     | = Allowed   |               |          |          |          |          |          |          |          | *        |                 |   | Restricted                                   |          |                         |           |                       |                     | ١                   | ١           | In          | erfe    | rer | nce                                     | 0          | Objected     |           |           |          |              |              |           |          |           |   |   |
| ,   | <u> </u>  |               |          |          |          |          |          |          | ١        |          |                 |   |  |          |                         |           |                       | _                   |                     |             |             |         | ,   |   |            |              |           | Date      |          |              |              |           | _        |           |   |   |
| }   | _Cla  | Talm   BULLAN |          |          |          |          | Date     |          |          |          | $\dashv$        | ł | Cla  |          | Т                       | Т         | Т                     | 7                   | ate                 | Т           | Т           | $\top$  | ┨   | CI                                      | aim _      | Н            | 1         | ПΪ        |          |              | 7            | Т         | Т        | ┨         |   |   |
|     | Final   | Original      | 94       | 73       | ŝ        |          |          |          |          |          | ı               |   | Final  | Original |                         |           |                       | 1                   | 1                   |             |             |         |     | Final                                   | Original   |              |           | ı         | ۱        | ١.           | 1            |           | 1        |           |   |   |
| · · | L.  | ŏ             | 'n       | Ø        | ol       |          |          |          |          |          |                 |   | <u>.                                    </u> |          |                         |           |                       |                     |                     |             | $\perp$     | $\perp$ |     |   |            | Ц            |           | _         | 1        | 1            | $\downarrow$ | $\perp$   |          |           |   |   |
|     |   | 1             | 7        | 3        | 2        |          | $\dashv$ | $\dashv$ | -        | Н        | -               | 1 |  | 51<br>52 | $\dashv$                | +         | +                     | +                   | +                   | +           | +           | +       | ┨   |   | 101        | H            | $\dashv$  | +         | ┥        | $\dashv$     | $\dashv$     | $\dashv$  | +        | $\dashv$  |   |   |
|     |   | 3             | Ï        | Ž        | -        |          |          |          |          |          |                 | ļ |  | 53       |                         | $\exists$ | $\dashv$              | $\rightrightarrows$ | #                   | #           | 1           | 丰       | 1   |   | 103        | 口            | 4         | #         | #        | #            | コ            | 7         | 7        | 7         | • | 1 |
| · } |   | 5             | H        | X        | <b>S</b> | Н        |          | $\dashv$ |          | Н        | $\dashv$        | ŀ |  | 54 55    | $\dashv$                | -         | -+                    | +                   | +                   | +           | +           | ╁       | ┨   |   | 104<br>105 | Н            | -         | -+-       | +        | +            | ┥            | ╅         | ╁        | $\dashv$  |   |   |
| }   |   | 6             | H        | _        | ŏ        | Н        |          |          |          |          | $\exists$       | t |  | 56       | $\exists$               | ╛         | $\exists$             | 1                   | 1                   | 1           | 士           | 土       | 1   |   | 108        |              |           | $\top$    | 1        | 士            |              | コ         | 士        | <b>ゴ</b>  |   |   |
| j   |   | 7             | П        | V        | V        |          |          |          |          |          |                 | Ţ |  | 57       | $\Box$                  | $\Box$    | $\exists$             | $\Box$              | 4                   | $\dashv$    | $\dashv$    | $\perp$ | }   |   | 107        |              |           | $\perp$   | 4        | 4            | 4            | 4         | +        | 4         |   |   |
| }   |   | 8             | ₩        |          | くへ       | Н        | $\dashv$ | $\dashv$ | -        | Н        | $\dashv$        | ŀ | -  | 58<br>59 | $\dashv$                | $\dashv$  | ┥                     | ┥                   | ╅                   | ᆉ           | +           | ┿       | ┨   | -                                       | 108<br>109 | Н            | -         | +         | +        | +            | ┪            | -         | 十        | ┥         |   |   |
| }   | _   | 10            | 1        | Ŏ        | ō        |          |          |          |          | ٠        | d               | t |  | 60       |                         | ⇉         | コ                     |                     |                     | コ           | 1           |         | 1   |   | 110        |              |           | 1         | 1        | 7            | コ            | $\Box$    | 1        |           |   |   |
| [   |   | 11            | W        | 1        |          |          |          | $\Box$   |          |          |                 | ŀ |  | 61       |                         | 4         | 4                     | 4                   | 4                   | +           | +           | +       | ┨   | -                                       | 111        | Н            | $\dashv$  | +         | +        | $\dashv$     | +            | $\dashv$  | +        | $\dashv$  |   |   |
| }   |   | 12<br>13      | ⊬        | V        | ۲        | Н        | Н        | $\dashv$ | H        | _        | Н               | ŀ | <u> </u>                                     | 62<br>63 | H                       | $\dashv$  | +                     | +                   | +                   | 十           | ╅           |         | 1   | -                                       | 113        | H            | $\exists$ | $\exists$ | 1        | $\exists$    |              | $\perp$   |          | _         |   |   |
| ì   |   | 14            |          |          |          |          |          |          |          |          | 口               |   |  | 64       |                         |           | $\exists$             | $\exists$           | $\Box$              | $\Box$      | 7           | T       | 1   |   | 114        | П            | $\Box$    | 4         | 4        | $\Box$       | $\Box$       | $\neg$    | 4        | 4         |   |   |
| 1   |   | 15<br>16      | -        |          | -        | Н        | Н        | Н        | Н        | H        | Н               | ŀ |  | 65<br>66 | Н                       | $\dashv$  | +                     | +                   | $\dashv$            | +           | +           | +       | ┨   |   | 115<br>116 | Н            |           | $\dashv$  | $\dashv$ | +            | -            | $\dashv$  | +        | $\dashv$  |   |   |
|     |   | 17            | ┝        | ┢        | $\vdash$ | Н        | Н        |          |          |          | $\Box$          | ł |  | 67       |                         |           | 1                     | ⇉                   | コ                   | $\exists$   |             | 土       | 1   |   | 117        | Ħ            |           | $\exists$ |          |              | $\Box$       |           | 丁        | $\exists$ |   |   |
|     |   | 18            |          |          |          |          |          |          |          |          | П               | Ţ |  | 68       | П                       | $\Box$    | $\exists$             | $\dashv$            | 4                   | 4           | 1           | -       | -   | _                                       | 118<br>119 | Н            | Н         | +         | 4        | $\dashv$     | 4            | 4         | +        | $\dashv$  |   |   |
|     |   | 19<br>20      | ┡        | ┞        | -        | $\vdash$ | Н        | Н        | H        | H        | Н               | - |  | 69<br>70 | Н                       | -         | ┪                     | ┪                   | ┥                   | $\dashv$    | +           | ┿       | ┨   | -                                       | 120        | Н            | Н         | +         | 7        |              | +            | 1         | $\pm$    | _         |   |   |
| į   |   | 21            |          |          |          |          |          |          | Ш        |          | 口               | į |  | 71       |                         |           | 口                     |                     | $\rightrightarrows$ | $\Box$      | 7           | 工       | 1   |   | 121        |              |           | 4         | $\Box$   |              | $\sqsupset$  | $\dashv$  | 4        | 7         |   |   |
|     |   | 22            | L        | L        |          |          | Н        | Н        |          | _        | H               | ŀ |  | 72<br>73 | Н                       | $\dashv$  | 4                     | -                   | 4                   | $\dashv$    | 4           | +-      | ┨   | <u> </u>                                | 122<br>123 | $\vdash$     | $\dashv$  | $\dashv$  | ┥        | $\dashv$     | ┥            | $\dashv$  | +        | $\dashv$  |   |   |
|     |   | 23<br>24      | ┢        | ╁╴       | ┝        | -        | Н        | Н        | Н        | _        | Н               | ł |  | 74       | Н                       | $\dashv$  | 一                     | +                   | +                   | $\exists$   | $\exists$   | +       | 1   |   | 124        |              |           |           | ╛        |              |              | コ         | 1        |           |   |   |
|     | -;  | 25            |          |          |          |          | П        |          | Ш        |          |                 | ļ |  | 75       |                         |           |                       |                     | $\sqsupset$         | $\Box$      | $\Box$      | $\bot$  | ]   |   | 125        |              |           | 4         | 4        | 4            | 4            | 4         | 4        | 4         |   |   |
|     |   | 26<br>27      | ╀        | -        | L        | L        | Н        | Н        | _        | ŀ        | Н               | - |  | 76<br>77 | Н                       | Н         | -                     | ┥                   | $\dashv$            | $\dashv$    | ╅           | +       | ┨   | -                                       | 126<br>127 | Н            |           | +         | 1        | $\dashv$     | +            | $\dashv$  | +        | $\dashv$  |   |   |
|     | -   | 28            | +        |          |          |          |          |          |          |          | Н               | ł |  | 78       | Ш                       |           |                       | ╛                   | 1                   |             | ゴ           | 土       | 1   |   | 128        |              |           |           | $\Box$   | $\Box$       | $\Box$       | $\Box$    | $\Box$   |           |   |   |
|     |   | 29            |          | F        |          |          | П        |          | Г        |          | $\Box$          | [ |  | 79<br>80 |                         |           | $\dashv$              | 4                   | 4                   | 4           | 4           |         | ┨   | -                                       | 129<br>130 |              | $\vdash$  | $\dashv$  | -        | -            | -            | $\dashv$  | +        | $\dashv$  |   |   |
|     |   | 30<br>31      | $\vdash$ | ╁╾       | $\vdash$ | Н        | Н        | H        | -        | -        | Н               | - |  | 81       | Н                       | Н         | $\dashv$              | +                   | $\dashv$            | $\dashv$    | $\dashv$    | ╁       | 1   |   | 131        |              |           | ナ         | ╛        |              |              |           | $\pm$    |           |   |   |
|     |   | 32            | L        | 上        |          |          |          |          |          |          | 口               | Ì |  | 82       |                         |           |                       | 耳                   | コ                   | 耳           | コ           | $\bot$  | 1   | $\overline{}$                           | 132        |              | П         | $\dashv$  |          | $\Box$       |              | $\Box$    | $\dashv$ | 7         |   |   |
|     |   | 33            | -        | 1        | -        | H        | Н        | Н        |          |          | Н               | ŀ |  | 83<br>84 | Н                       | Н         | $\dashv$              | ┩                   | +                   | -           | +           | +       | ┨   | -                                       | 133        |              | Н         | ┥         | ┥        | $\dashv$     | -            | +         | $\dashv$ | $\dashv$  |   |   |
|     |   | 34<br>35      |          | +        | $\vdash$ | -        | H        | Н        | $\vdash$ | $\vdash$ | Н               | ŀ |  | 85       | H                       |           |                       | ╛                   | _                   |             | 寸           | 士       | 1   |   | 135        |              | 口         | 士         |          |              |              |           | 1        |           |   |   |
| ,   |   | 36            |          |          | Г        |          |          | П        |          |          | 口               | ļ |  | 86       |                         |           | $\Box$                | $\exists$           | コ                   | $\exists$   | $\exists$   | Ŧ       | -   |   | 136        |              | Ц         | 4         | 4        | $\dashv$     | 4            |           |          | -         |   |   |
|     |   | 37<br>38      | ╀        | ╀        | -        | $\vdash$ | $\vdash$ | Н        | -        | ⊢        | Н               | - |  | 87<br>88 | Н                       | Н         | $\dashv$              | $\dashv$            | ┥                   | $\dashv$    | +           | +       | H   |   | 137<br>138 |              | Н         | ┪         | ┨        | Н            | $\exists$    |           | +        | $\dashv$  |   |   |
|     |   | 39            | 上        | L        |          |          |          |          |          |          | 口               | į |  | 89       |                         |           |                       |                     | コ                   | $\sqsupset$ | コ           | 工       | 1   |   | 139        | L            |           | コ         |          | $\Box$       |              |           | 7        | $\Box$    |   |   |
|     |   | 40            | F        | Г        |          | $\vdash$ |          | $\Box$   | F        | <u> </u> | $\vdash$        | ļ |  | 90       | $\vdash$                | Н         | -                     | -                   | -                   | 4           | +           | +       | -   | $\vdash$                                | 140<br>141 |              | Н         | +         | -        | $\vdash$     |              | H         | $\dashv$ | $\dashv$  |   |   |
|     |   | 41            | +        | $\vdash$ | $\vdash$ | +        | H        | Н        | -        | ┢        | Н               | ł |  | 92       | H                       | $\vdash$  |                       | $\dashv$            | _                   | 1           | _           | 士       | 1   |   | 142        |              | d         |           |          | 口            |              |           |          | $\exists$ |   |   |
|     |   | 43            |          | L        |          |          |          |          |          |          | 口               |   |  | 93       | П                       |           |                       | 耳                   | 耳                   | 口           | 口           | $\perp$ | 7   |   | 143        |              | П         | $\dashv$  | $\Box$   | Ц            | $\exists$    | H         | 4        | 4         |   |   |
|     | <b></b>   | 44            | ╁        | ╀        | ╁        | $\vdash$ |          | -        | -        | -        | Н               | - |  | 94<br>95 | $\vdash$                | Н         | Н                     | $\dashv$            | -                   | $\dashv$    | $\dashv$    | +       | 4   | -                                       | 144        |              | Н         |           | -        | H            | -            | $\forall$ | _†       | $\dashv$  |   |   |
|     |   | 48            |          |          |          |          |          |          |          |          | 口               | l |  | 96       |                         |           |                       |                     | ╛                   |             | コ           | 工       | 1   |   | 148        | $\Gamma$     |           | コ         |          | 口            |              | П         | 口        | $\exists$ |   |   |
|     |   | 47            |          | F        |          | F        |          | F        | L        | F        | П               |   |  | 97<br>98 | L                       | Н         | Щ                     | Ц                   | _                   | Н           | 4           | +       | 4   | -                                       | 147        |              | Н         | +         | -        | Н            | $\dashv$     | ⊢∤        | +        | $\dashv$  |   |   |
|     | $\vdash$  | 48<br>49      |          | ╁        | ╁        | ╁╴       | ┢        | $\vdash$ | +        | -        | H               |   |  | 99       | -                       | Н         | H                     | Н                   | $\dashv$            | H           | +           | +       | 1   |   | 149        | T            |           | d         |          | d            |              | Ħ         |          | J         |   |   |
|     |   | 50            |          | L        | 匚        | L        |          |          |          |          | 口               |   |  | 100      |                         |           |                       |                     |                     |             | 二           | 工       | J   |   | 150        |              |           | I         |          |              |              |           | $\Box$   |           |   |   |